

WEST Search History for Application 10583923

Creation Date: 2010062210:49

(GROWTH HORMONE OR SOMATOTROPIN OR RECOMBINANT GROWTH HORMONE)USPT,
EPAB, JPAB, DWPI ADJ YES 10-28-2008
(LIQUID formulation? or aqueous FORMULATION?) and ((GROWTH HORMONE OR
SOMATOTROPIN OR RECOMBINANT GROWTH HORMONE))USPT, EPAB, JPAB,
DWPI ADJ YES 10-28-2008
((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH HORMONE OR
SOMATOTROPIN OR RECOMBINANT GROWTH HORMONE)) and (non-ionic surfactant or
polymer stabilizer or divalent cation or tonicity agent or sorbitol or methionine or
preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH HORMONE OR
SOMATOTROPIN OR RECOMBINANT GROWTH HORMONE)) and (non-ionic surfactant and
polymer stabilizer and divalent cation and tonicity agent or sorbitol and methionine and
preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(ph 5 or 8) andL4USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(ph 5 or pH 8) and ((LIQUID formulation? or aqueous FORMULATION?) and (GROWTH
HORMONE OR SOMATOTROPIN OR RECOMBINANT GROWTH HORMONE) and (non-ionic
surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol and
methionine and preservative))USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
6593296.pn.USPT ADJ YES 10-28-2008
(Stabil? growth hormone formulation)USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT ADJ YES 10-28-2008
(liquid formulation? or aqueous formulation?) and ((Stabil? and growth hormone)
)USPT ADJ YES 10-28-2008
(liquid formulation? or aqueous formulation?) and ((Stabil? and growth hormone)
)USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT ADJ YES 10-28-2008
(Stabil? and growth hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone)) and (liquid formulation? or aqueous formulation?)USPT,
EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueous formulation?)) and and
(non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol
and methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueous formulation?)) and and
(non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol
or methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
((Stabil? and growth hormone) and (liquid formulation? or aqueous formulation?)) and
(non-ionic surfactant and polymer stabilizer and divalent cation and tonicity agent or sorbitol
or methionine and preservative)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
(pH 5 or pH 8) and ((Stabil? and growth hormone) and (liquid formulation? or aqueous
formulation?) and (non-ionic surfactant and polymer stabilizer and divalent cation and
tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB,
DWPI ADJ YES 10-28-2008
(pH 5 to pH 8) and ((Stabil? and growth hormone) and (liquid formulation? or aqueous
formulation?) and (non-ionic surfactant and polymer stabilizer and divalent cation and
tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB,
DWPI ADJ YES 10-28-2008

(pH 5 to pH 8) and ((Stabl? and growth hormone) and (liquid formulation? or aqueous
 formualtion?) and (non-ionic surfactant and polymer stabilizer and divalent cation and
 tonicity agent or sorbitol or methionine and preservative))USPT, EPAB, JPAB,
 DWPI ADJ YES 10-28-2008
 5206219.pn.USPT ADJ YES 10-28-2008
 (GROWTH HORMONE OR SOMATOTROPIN OR RECOBMINANT GROWTH
 HORMONE)PGPB ADJ YES 10-28-2008
 (Stabl? growth hormone)PGPB ADJ YES 10-28-2008
 (Stabl? growth hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-28-2008
 (growth hormone or human growth hormone or somatotropin or recombinant grwoth
 hormone)USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008
 (non-ionic sufactant or nonionic surfactant or non ionic surfactant) and ((growth hormone or
 human growth hormone or somatotropin or recombinant grwoth hormone))USPT, EPAB,
 JPAB, DWPI ADJ YES 10-29-2008
 (polymer stabilizer or polymer stabl?) and ((non-ionic sufactant or nonionic surfactant or
 non ionic surfactant) and (growth hormone or human growth hormone or somatotropin or
 recombinant grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008
 (polyethylene glycol) and ((non-ionic sufactant or nonionic surfactant or non ionic
 surfactant) and (growth hormone or human growth hormone or somatotropin or recombinant
 grwoth hormone))USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008
 (polysorbate or tween) and ((polyethylene glycol) and (non-ionic sufactant or nonionic
 surfactant or non ionic surfactant) and (growth hormone or human growth hormone or
 somatotropin or recombinant grwoth hormone))USPT, EPAB, JPAB,
 DWPI ADJ YES 10-29-2008
 ((growth hormone or human growth hormone or somatotropin or recombinant grwoth
 hormone)) near (liquid or aqueous)USPT, EPAB, JPAB, DWPI ADJ YES 10-29-2008
 (polyethylene glycol) and ((growth hormone or human growth hormone or somatotropin or
 recombinant grwoth hormone) near (liquid or aqueous))USPT, EPAB, JPAB,
 DWPI ADJ YES 10-29-2008
 (polysorbate or tween) and ((polyethylene glycol) and (growth hormone or human growth
 hormone or somatotropin or recombinant grwoth hormone) near (liquid or aqueous))USPT,
 EPAB, JPAB, DWPI ADJ YES 10-29-2008
 (growth hormone or Somatotrophin or somatotropin)PGPB, USPT, EPAB, JPAB,
 DWPI ADJ YES 04-14-2009
 (Liquid formulation or aqueous solution) near3 ((growth hormone or Somatotrophin or
 somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009
 (surfactant and polymer stabilizer and methionine) and ((Liquid formulation or aqueous
 solution) near3 (growth hormone or Somatotrophin or somatotropin))PGPB, USPT, EPAB,
 JPAB, DWPI ADJ YES 04-14-2009
 (methionine) and ((Liquid formulation or aqueous solution) near3 (growth hormone or
 Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009
 (methionine) near2 ((Liquid formulation or aqueous solution) near3 (growth hormone or
 Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009
 (methionine) same ((Liquid formulation or aqueous solution) near3 (growth hormone or
 Somatotrophin or somatotropin))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-14-2009
 (methionine) and ((Liquid formulation or aqueous solution) near3 (growth hormone or
 Somatotrophin or somatotropin))USPT ADJ YES 04-14-2009
 (liquid formulation or aqueous formulation).ab.PGPB, USPT, EPAB, JPAB,
 DWPI ADJ YES 04-22-2009
 (nonionic surfactant or non ionic surfactant or non-ionic surfactant)and ((liquid formulation
 or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009

(polymer stabilizer or polyethylene glycol) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)and (liquid formulation or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 (methionine) and ((polymer stabilizer or polyethylene glycol) and (nonionic surfactant or non ionic surfactant or non-ionic surfactant)and (liquid formulation or aqueous formulation).ab.)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 (methionine)PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 (tonicity agent) and ((methionine))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 ((liquid formulation or aqueous formulation).ab.) near3 ((methionine))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 ((liquid formulation or aqueous formulation).ab.) same ((methionine))PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 5358708.pn.USPT ADJ YES 04-22-2009
 (growth hormone) and (5358708.pn.)USPT ADJ YES 04-22-2009
 6448225.pn.PGPB, USPT, EPAB, JPAB, DWPI ADJ YES 04-22-2009
 6448225.pn.USPT ADJ YES 04-22-2009
 (polymer) and (6448225.pn.)USPT ADJ YES 04-22-2009
 (polymer) and (5358708.pn.)USPT ADJ YES 04-22-2009

Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
(PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(POLYMER STABILIZER OR POLYETHYLENE GLYCOL)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(METHIONINE)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE)) AND (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE) AND (FORMULATION OR AQUEOUS SOLUTION)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) and ((PROTEIN OR POLYPEPTIDE OR PEPTIDE	PGPB, USPT, EPAB, JPAB,	ADJ	YES		11-18-2009

OR NUCLEIC ACID))	DWPI				
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)) AND (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID) AND (FORMULATION OR AQUEOUS SOLUTION)) same ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID) AND (FORMULATION OR AQUEOUS SOLUTION)) and ((METHIONINE)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((PROTEIN OR POLYPEPTIDE OR PEPTIDE OR NUCLEIC ACID)) same ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) same ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((POLYMER STABILIZER OR POLYETHYLENE GLYCOL)) near5 ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE)) same (FORMULATION OR AQUEOUS SOLUTION)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE) same (FORMULATION OR AQUEOUS SOLUTION)) near5 ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
((METHIONINE) same (FORMULATION OR AQUEOUS SOLUTION)) and ((POLYMER STABILIZER OR POLYETHYLENE GLYCOL))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(stablizer or stablization)	PGPB, USPT, EPAB,	ADJ	YES		11-18-2009

	JPAB, DWPI				
((stablizer or stablization)) same ((METHIONINE))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		11-18-2009
(polypeptide or protein or peptide)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
(liquid formulation or aqueous formulation)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
(growth hormone or somatotropin)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
(nonionic surfactant or non ionic surfactant or non-ionic surfactant)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
(polymer stabilizer or polyethylene glycol)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
(methionine)	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
((methionine)) and ((polypeptide or protein or peptide)) and ((liquid formulation or aqueous formulation)) and ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
((methionine)) and ((liquid formulation or aqueous formulation)) and ((nonionic surfactant or non ionic	PGPB, USPT,	ADJ	YES		06-22-2010

surfactant or non-ionic surfactant)) and ((polymer stabilizer or polyethylene glycol))	EPAB, JPAB, DWPI				
((liquid formulation or aqueous formulation)) same ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
((growth hormone or somatotropin)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010
((growth hormone or somatotropin)) same ((nonionic surfactant or non ionic surfactant or non-ionic surfactant)) same ((polymer stabilizer or polyethylene glycol)) same ((methionine))	PGPB, USPT, EPAB, JPAB, DWPI	ADJ	YES		06-22-2010